

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-306US1	Application No. 10/070,035
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR 1.88(b))		Applicant Gilbert Wolrich et al.	
		Filing Date February 26, 2002	Group Art Unit 2183

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
W	AA	09/473,571	12/28/1999	Wolrich et al.			
W	AB	09/475,614	12/30/1999	Wolrich et al.			
	AC						
	AD						
	AE						
	AF						
	AG						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
W	AH	WO 01/16697	03/2001	WIPO				
W	AI	WO 01/16698	03/2001	WIPO				
W	AJ	WO 01/16702	03/2001	WIPO				
W	AK	WO 01/16703	03/2001	WIPO				
W	AL	WO 01/16713	03/2001	WIPO				
W	AM	WO 01/16714	03/2001	WIPO				
W	AN	WO 01/16716	03/2001	WIPO				
W	AO	WO 01/16722	03/2001	WIPO				
W	AP	WO 01/16758	03/2001	WIPO				
W	AQ	WO 01/18646	03/2001	WIPO				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
W	AR	Paver et al., "Register Locking in Asynchronous Processor Computer Design: VLSI Processors," ICCD '92 Proceedings, IEEE 1992 International Conference, 1992, pp. 351-355.
W	AS	Waldspurger et al., "Register Relocation: Flexible Contents for Multithreading," Proceedings of the 20th Annual International Symposium on Computer Architecture, 1993, pp. 120-130.
	AT	

Examiner Signature	Date Considered
W	2/26/02
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

IDS 02/26/02

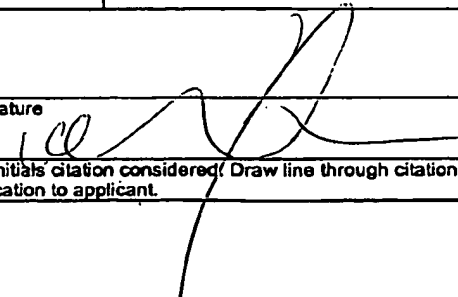
JC13 Rec'd PCT/PTO 26 FEB 2002
Sheet 1 of 1

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-306US1	Application No. 10/070035
	Applicant Gilbert Wolrich et al.		
	Filing Date February 26, 2002	Group Art Unit	

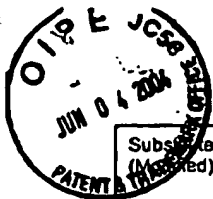
U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
GD	AA	5,428,809	06/27/1995	Coffin et al.			
FD	AB	5,517,628	05/14/1996	Morrison et al.			
GD	AC	5,659,722	08/19/1997	Blaner et al.			
	AD						
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Foreign Patent Documents or Published Foreign Patent Applications								
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	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature 	Date Considered 10/8/02
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Disclosure Form (PTO-1449)



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Sheet 1 of 2

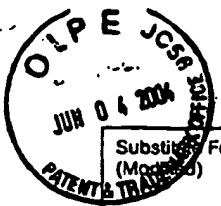
Substitute Form PTO-1449 (Prescribed)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-306US1	Application No. 10/070,035
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
W	AA	WO 01/50679	07/12/2001	WIPO				
W	AB	WO 01/50247	07/12/2001	WIPO				
W	AC	WO 01/48619	07/05/2001	WIPO				
W	AD	WO 01/48606	07/05/2001	WIPO				
W	AE	WO 01/48599	07/05/2001	WIPO				
W	AF	WO 01/48596	07/05/2001	WIPO				
W	AG	WO 01/41530	06/14/2001	WIPO				
W	AH	WO 01/16782	03/08/2001	WIPO				
W	AI	WO 01/16770	03/08/2001	WIPO				
W	AJ	WO 01/16769	03/08/2001	WIPO				
W	AK	WO 01/16718	03/08/2001	WIPO				
W	AL	WO 01/15718	03/08/2001	WIPO				
W	AM	WO 97/38372	10/16/1997	WIPO				
W	AN	WO 94/15287	07/07/1994	WIPO				
W	AO	EP 0 809 180	11/26/1997	Europe				
W	AP	EP 0 745 933	12/04/1996	Europe				
W	AQ	EP 0 633 678	01/11/1995	Europe				
W	AR	EP 0 464 715	01/08/1992	Europe				
W	AS	EP 0 379 709	08/01/1990	Europe				
W	AT	59111533	06/27/1984	Japan				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
W	AU	Agarwal et al., "April: A Processor Architecture for Multiprocessing," Proceedings of the 17 th Annual International Symposium on Computer Architecture, IEEE, pp. 104-114.
W	AV	Byrd et al., "Multithread Processor Architectures," IEEE Spectrum, Vol. 32, No. 8, New York, 1 August 1995, pp. 38-46.
W	AW	Chang et al., "A New Mechanism For Improving Branch Predictor Performance," IEEE, pp. 22-31 (1994).

Examiner Signature 	Date Considered 4/01/04
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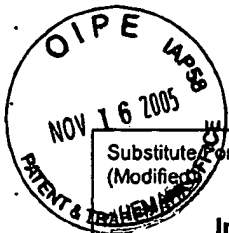
Substitute Disclosure Form (PTO-1449)



Substitute Form PTO-1449 (Mandatory)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10559-306US1	Application No. 10/070,035
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gilbert Wolrich et al.	
		Filing Date February 26, 2002	Group Art Unit 2183

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AX	Doyle et al., <i>Microsoft Press Computer Dictionary</i> , 2 nd ed., Microsoft Press, Redmond, Washington, USA, 1994, p. 326.
	AY	Farkas et al., "The multicluster architecture: reducing cycle time through partitioning," IEEE, vol. 30, December 1997, pp. 149-159.
	AZ	Fillo et al., "The M-Machine Multicomputer," IEEE Proceedings of MICRO-28, 1995, pp. 146-156.
	AAA	Gomez et al., "Efficient Multithreaded User-Space Transport for Network Computing: Design and Test of the TRAP Protocol," <i>Journal of Parallel and Distributed Computing</i> , Academic Press, Duluth, Minnesota, USA, vol. 40, no. 1, 10 January 1997, pp. 103-117.
	ABB	Haug et al., "Reconfigurable hardware as shared resource for parallel threads," IEEE Symposium on FPGAs for Custom Computing Machines, 1998.
	ACC	Hauser et al., "Garp: a MIPS processor with a reconfigurable coprocessor," Proceedings of the 5 th Annual IEEE Symposium on Field-Programmable Custom Computing Machines, 1997.
	ADD	Hennessy et al., "Computer Organization and Design: The Hardware/Software Interface," Morgan Kaufman Publishers, 1998, pp. 476-482.
	AEE	Hyde, R., "Overview of Memory Management," <i>Byte</i> , vol. 13, no. 4, 1998, pp. 219-225.
	AFF	Intel, "IA-64 Application Developer's Architecture Guide," Rev.1.0, May 1999, pp. 2-2, 4-29 to 4-31, 7-116 to 7-118 and c-21.
	AGG	Keckler et al., "Exploiting fine grain thread level parallelism on the MIT multi-ALU processor," IEEE, June 1998.
	AHH	Litch et al., "StrongARMing Portable Communications," IEEE Micro, 1998, pp. 48-55.
	AII	Mendelson et al., "Design Alternatives of Multithreaded Architecture," <i>International Journal of Parallel Programming</i> , vol. 27, no. 3, Plenum Press, New York, USA, June 1999, pp. 161-193.
	AJJ	Schmidt et al., "The Performance of Alternative Threading Architectures for Parallel Communication Subsystems," Internet Document, <i>Online!</i> , 13 November 1998.
	AKK	Thistle et al., "A Processor Architecture for Horizon," IEEE, 1998, pp. 35-41.
	ALL	Tremblay et al., "A Three Dimensional Register File for Superscalar Processors," IEEE Proceedings of the 28 th Annual Hawaii International Conference on System Sciences, 1995, pp. 191-201.
	AMM	Trimberger et al., "A time-multiplexed FPGA," Proceedings of the 5 th Annual IEEE Symposium on Field-Programmable Custom Computing Machines, 1998.
	ANN	Turner et al., "Design of a High Performance Active Router," Internet Document, <i>Online</i> , 18 March 1999.
	AOO	Vibhatavani et al., "Simultaneous Multithreading-Based Routers," Proceedings of the 2000 International Conference of Parallel Processing, Toronto, Ontario, Canada, 21-24 August 2000, pp. 362-359.
	APP	Wadler, "The Concatenate Vanishes," University of Glasgow, December 1987 (revised November 1989), pp. 1-7.
	AQQ	Wazlowski et al., "PRSIM-II computer and architecture," IEEE Proceedings, Workshop on FPGAs for Custom Computing Machines, 1993.

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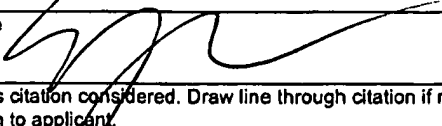
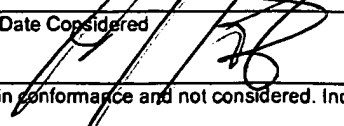


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Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Gilbert Wolrich et al.	
		Filing Date July 3, 2002	Group Art Unit 2183

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
2	AA	5,870,597	Feb. 9, 1999	Panwar et al.			
2	AB	6,408,325	Jun. 18, 2002	Shaylor			
	AC						
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Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
2	AQ	Cheng et al. "The Compiler for Supporting Multithreading in Cyclic Register Windows". IEEE 57-62, 1996.
	AR	
	AS	
	AT	

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